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<b>REISSUE APPLICATION DECLARATION BY THE INVENTOR</b>	Docket Number (Optional) 19.0266
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I hereby declare that:  
Each inventor's residence, mailing address and citizenship are stated below next to their name.  
I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,394,193, granted May 28, 2002 and for which a reissue patent is sought on the invention entitled Downhole Adjustable Bent Housing for Directional Drilling the specification of which

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as reissue application number \_\_\_\_\_ and was amended on \_\_\_\_\_ (If applicable)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.  
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

☐ I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

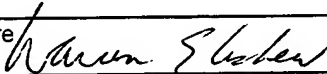
An error has occurred in that the patentee has claimed less than he had a right to claim in the patent. Specifically, claim 17 was written to include elements and relationships between the elements that are not believed necessary to patentability. For example, patentability does not require recitation of a mandrel extending between said first and second housings and through said connector, or an articulating member with a deviated passage as recited in the issued claim 17. Accordingly, claim 17 has been amended to remove these elements and broaden the subject matter claimed. The amendments are fully supported by the specification in, for example, Figures 2A-2D, column 6, lines 34-67; column 7, lines 1-45; and column 8, line 41 through column 11, line 41.

[Page 1 of 2]

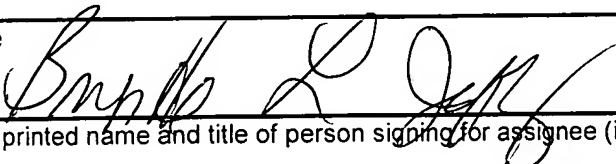
This collection of information is required by 37 CFR 1.175. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)				Docket Number (Optional) 19.0266	
All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.					
Note: To appoint a power of attorney, use form PTO/SB/81.					
Correspondence Address: Direct all communications about the application to:					
<input type="checkbox"/> Customer Number:					
OR					
<input checked="" type="checkbox"/> Firm or Individual Name	Robert A. Van Someren				
Address	PO Box 2107				
Address					
City	Cypress	State	TX	Zip	77410-2107
Country	USA				
Telephone	281-373-4369	Fax	281-256-9864		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of sole or first inventor (given name, family name)		Warren Askew			
Inventor's signature			Date	4/6/04	
Residence	4971 Yarwell, Houston, Texas 77096		Citizenship	USA	
Mailing Address		4971 Yarwell, Houston, Texas 77096			
Full name of second joint inventor (given name, family name)					
Inventor's signature		Date			
Residence		Citizenship			
Mailing Address					
Full name of third joint inventor (given name, family name)					
Inventor's signature		Date			
Residence		Citizenship			
Mailing Address					
<input type="checkbox"/> Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached hereto.					

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<b>REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT</b>		Docket Number (Optional) 19.0266
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Warren Askew		
Patent Number 6,394,193	Date Patent Issued May 28, 2002	
Title of Invention Downhole Adjustable Bent Housing for Directional Drilling		
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
The assignee(s) owning an undivided interest in said original patent is/are Schlumberger Technology Corporation, and the assignee(s) consents to the accompanying application for reissue.		
Name of assignee/inventor (if not assigned) Schlumberger Technology Corporation		
Signature 	Date 8 April 2004	
Typed or printed name and title of person signing for assignee (if assigned) Brigitte L. Jeffery Managing Intellectual Property Counsel		

This collection of information is required by 37 CFR 1.172. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicant:** Askew, W

**Attorney Docket No.:** 19.0266

**Serial No.:** 09/618,681

**Art Unit:** 3672

**Filed:** July 19, 2000

**Examiner:** Pezzuto, R

**Title:** Downhole Adjustable Bent  
Housing for Directional  
Drilling

Mail Stop REISSUE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

I hereby appoint the following registered practitioners to prosecute the application identified above and transact business in the Patent and Trademark Office connected therewith:

Jeffrey E. Griffin, 36,534  
Jaime A. Castano, 41,660  
Brigitte L. Jeffery, 38,925  
Victor Segura, 44,329  
Bryan White, 45,211  
Kevin McEnaney, 46,258  
Robert Van Someren, 36,038

Robin C. Nava, 42,926  
Tim W. Curington, 45,944  
John J. Ryberg, 31,134  
Wayne I. Kanak, 35,564  
Jennie Salazar, 45,065  
Bryan Galloway, 50,312

I hereby request that all correspondence, notices, official letters and other communication be directed to the Intellectual Property Department, Schlumberger, Stonehouse Technology Centre, Brunel Way, Stoudwater Park, Stonehouse, Gloucestershire, GL10 3SX, United Kingdom, and that all telephone calls be directed to Robert Van Someren at (281) 373-4369.

Respectfully Submitted,



Tim W. Curington  
Registration Number 45,944

Date: 5 FEB 04  
Schlumberger Technology Corporation  
200 Gillingham Lane  
Houston TX 77478

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Schlumberger Technology CorporationApplication No./Patent No.: 6,394,193 Filed/Issue Date: May 28, 2002Entitled: Downhole Adjustable Bent Housing for Directional DrillingSchlumberger Technology Corporation, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:A. [☒] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011004, Frame 0642, or for which a copy thereof is attached.

OR

B. [☐] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.[ ☐ ] Additional documents in the chain of title are listed on a supplemental sheet.[ ☐ ] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

8 Apr 2004  
Date281-285-7067

Telephone number

Brigitte L. Jeffery

Typed or printed name

Brigitte L. Jeffery  
SignatureManaging Intellectual Property Counsel

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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